

Academic subject: HISTORY AND FOUNDATIONS OF MATHEMATICS			
Degree Class: LM-40 - Matematica		Degree Course: Mathematics	
		Academic Year: 2018/2019	
		Kind of class: mandatory	
		Year: 2	Period: 2
		ECTS: 7 divided into ECTS lessons: 6,5 ECTS exe/lab/tutor: 0,5	
Time management, hours, in-class study hours, out-of-class study hours lesson: 52 exe/lab/tutor: 8 in-class study: 60 out-of-class study: 100			
Language: Italian		Compulsory Attendance: no	
Subject Teacher: Margherita Barile		Tel: +39 080 5442204 e-mail: margherita.barile@uniba.it	
		Office: Department of Mathematics 2nd floor, room 23	
		Office days and hours: By appointment	
Prerequisites: Fundamentals of algebra, calculus, geometry.			
Educational objectives: Understanding the origin and the evolution of mathematical notions.			
Expected learning outcomes (according to Dublin Descriptors)		Knowledge and understanding: Placing a mathematical notion into a historical perspective. Applying knowledge and understanding: Applying a history-based approach to mathematical education. Making judgements: Comparing different views of the same mathematical object. Communication: Raising public awareness in mathematics. Lifelong learning skills: Learning by reading original mathematical works.	
Course program Selected topics in the history of algebra, calculus and geometry, from ancient Mesopotamia to the 19th century.			
Teaching methods: Lectures			
Auxiliary teaching: Lecture notes and related literature.			
Assessment methods: Oral exam			
Bibliography: Further readings recommended during the lectures.			